Special Issue

Advanced Design Technologies of Lithium Ion Batteries Electrodes

Message from the Guest Editors

The objective of this Special Issue is to collate excellent research and comprehensive reviews that address recent innovations and strategies in the design and development of Li-ion battery electrodes. Our aim is to provide a holistic view of the current situation and to stimulate discussions that will lead to a roadmap for the next generation of lithium-ion battery electrode designs. Topics of interest for publication include, but are not limited to:

- Novel electrode materials, including anodes and cathodes, for high-energy-density lithium-ion batteries;
- Nanostructured and composite electrode materials for enhanced electrochemical performance;
- Novel electrode materials, including anodes and cathodes, for high-energy-density lithium-ion batteries;
- Nanostructured and composite electrode materials for enhanced electrochemical performance;
- Electrode–electrolyte interface studies;
- Solid state, flexible, and thin-film Li-ion batteries.

Guest Editors

Dr. Haidong Liu

Department of Chemistry–Ångström Laboratory, Uppsala University, 75121 Uppsala, Sweden

Dr. Jun Yang

School of Materials Science and Engineering, Shaanxi University of Science and Technology, Xi'an 710021, China

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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